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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/763,061
	Filing Date	January 22, 2004
	First Named Inventor	Randall Lee
	Art Unit	2855
	Examiner Name	Michael T. Cygan
Total Number of Pages in This Submission	Attorney Docket Number	F033-3

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael O. Scheinberg
Signature	
Date	May 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Margarita Marquez-Escalona		
Signature		Date	May 20, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO.: 10/763,061 ART UNIT: 2855
APPLICANT: Randall Lee, Thomas Owen EXAMINER: Michael T. Cygan
Mitchell and JJ.L. Mulders
FILING DATE: January 22, 2004
TITLE: "Directed Growth of Nanotubes on a Catalyst"

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to the guidelines for Information Disclosure Statements, 37 C.F.R. §§ 1.97-1.98, attached hereto is PTO Form 1449 (Three Sheets) with references listed for consideration by the Office.

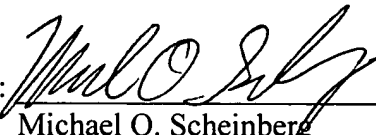
All references were cited in US Patent Application No.: 10/261,084 from which the present application claims priority and additional copies are therefore not provided.

In accordance with 37 C.F.R. §§ 1.97(g)-(h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed before the mailing of a first Office action on the merits.

Respectfully submitted,

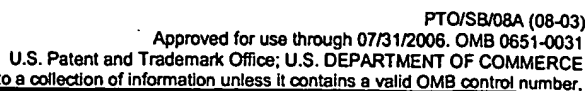
Date: 5/20/04

By: 
Michael O. Scheinberg
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Facsimile: (512) 306-1963

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/763,061
Filing Date	January 22, 2004
First Named Inventor	Randall Lee
Art Unit	2855
Examiner Name	Michael T. Cygan
Attorney Docket Number	F033-3

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date
Considered

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/763,061		
		Filing Date	January 22, 2004		
		First Named Inventor	Randall Lee		
		Art Unit	2855		
		Examiner Name	Michael T. Cygan		
Sheet	2	of	3	Attorney Docket Number	F033-3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	I	CHEUNG et al., "Growth and Fabrication with Single-Walled Carbon Nanotube Probe Microscopy Tips", Apply Physics Letters, Vol. 76, No. 21, May 22, 2000, PP. 3136-3138	
	J	CHEUNG et al., "Carbon Nanotube Atomic Force Microscopy Tips: Direct Growth by Chemical Vapor Deposition and Application to High-Resolution Imaging", PNAS, Vol. 97, No. 8, April 11, 2000, PP. 3809-3813	
	K	REN et al., "Synthesis of Large Arrays of Well-Aligned Carbon Nanotubes on Glass", Science, Vol. 282, November 6, 1998, PP. 110-112	
	L	STEVENS et al., "Carbon Nanotubes as Probes for Atomic Force Microscopy", Nanotechnology, Vol. 11, March 2000, PP.1-5	
	M	HUANG et al., "Growth of Highly Oriented Carbon Nanotubes by Plasma-Enhanced Hot Filament Chemical Vapor Deposition", Apply Physics Letter, Vol. 73, No. 26, December 28, 1998, PP. 3845-3847	
	N	DAI et al., "Nanotubes as Nanoprobes in Scanning Probe Microscopy", Nature, Vol. 384, November 14, 1996, PP. 147-150	
	O	KONG et al., "Synthesis of Individual Single-Walled Carbon Nanotubes on Patterned Silicon Wafers", Nature, Vol. 395, October 29, 1998, PP.878-881	
	P	EMTECH, Technical Brief: Sputter Coating Incorporating Emitch K500, K550, K575 and K675X, EMITECHK575, March 3, 1999, PP. 1-8	
	Q	BOISEN et al., "AFM Probes with Directly Fabricated Tips", J. Micromech. Microeng., Vol. 6, 1996, PP. 58-60	
	R	MARCO TORTONESE, "Cantilevers and Tips for Atomic Force Microscopy" IEEE Engineering in Medicine and Biology, March/April 1997, PP. 28-33	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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				Examiner Name	Michael T. Cygan
Sheet	3	of	3	Attorney Docket Number	F033-3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	S	REN et al., "Growth of a Single Freestanding Multiwall Carbon Nanotube on Each Nanonickel Dot", Applied Physics Letters, Vol. 75, No. 8, August 23, 1999, PP. 1086-1088	
	T	CRC Handbook of Metal Etchants, 1991, PP. 857-875	

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